AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

Claim 1. (Currently Amended) A replication-defective chimpanzee vector which is at least partially deleted in E1 and devoid of E1 activity-comprising [[a]] the sequence of nucleotides as set forth in ~~selected from the group consisting of:~~

a) SEQ ID NO: 1~~; and~~

~~b) SEQ ID NO: 2~~.

Claims 2-5. (Canceled)

Claim 6. (Currently Amended) The replication defective ChAd vector of claim 1 which comprises a deletion/disruption in the E1 nucleotide sequence in the region from bp 460 to bp 3542 of SEQ ID NO: 1 ~~or from bp 457 to bp 3425 of SEQ ID NO:2~~.

Claim 7. (Canceled)

Claim 8. (Previously Presented) The replication-defective ChAd vector according to claim 6 wherein the vector further comprises a transgene encoding at least one tumor associated antigen (TAA) operatively linked to a promoter capable of directing expression of the transgene.

Claim 9-42. (Canceled)

Claim 43. (Currently Amended) A recombinant chimpanzee adenoviral (ChAd) vector which is at least partially deleted in E1 and devoid of E1 activity, wherein the adenoviral vector is derived from a ChAd3 chimpanzee adenovirus serotype ~~selected from the group consisting of: ChAd3, ChAd6, ChAd20, ChAd4, ChAd5, ChAd7, ChAd9, ChAd10, ChAd11, ChAd16, ChAd17, ChAd19, ChAd8, ChAd22, ChAd24, ChAd26, ChAd30, ChAd31, ChAd37, ChAd38, ChAd44, ChAd63 and ChAd82~~.

Claim 44 (Previously Presented) An isolated host cell comprising the recombinant adenoviral vector of claim 43.

Claim 45 (Previously Presented) A method for producing recombinant, replication-defective chimpanzee adenovirus particles comprising:

(a) transfecting a recombinant adenoviral vector of claim 1 into a population of cells; and

(b) harvesting the resulting recombinant, replication-defective adenovirus.

Claim 46 (Previously Presented) The recombinant ChAd vector of claim 43, further comprising a heterologous nucleic acid which encodes at least one immunogen operatively linked to regulatory sequences which direct expression of said heterologous nucleic acid in mammalian cells.

Claim 47 (Canceled)

Claim 48 (Currently Amended) The recombinant ChAd vector of claim 43 [[47]], wherein the vector further comprises at least a partial deletion of nucleotide sequences which encode the adenovirus E3 protein.

Claim 49 (Currently Amended) The recombinant ChAd vector of claim 43 [[47]],, wherein the vector is completely deleted in E1.

Claim 50 (Previously Presented) The isolated host cell of claim 44, wherein the host cell is a 293 cell or a PER.C6™ cell.